

ABSTRACT

The present invention is directed to compositions and methods for the treatment of patients with cephalotaxines, for example, homoharringtonine. The invention is also directed to improvements in the purity, manufacturing process, formulation and administration of homoharringtonine for the treatment of cancer and other aberrant cellular diseases. The invention also provides methods and compositions for antiparasitic, antifungal, antiviral and antibacterial treatments.